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The

JULY 19, 1930

AVIATION *News*

A Reporting Service for Busy AVIATION Men



United Moves to Acquire Varney

Dominion of Canada Approves Radio Code

Put Drop in Exports at 11 Per Cent

Insurance Case Won by Canadian Mining Firm

News of the National Air Races

League of Nations Adopts Aviation Study Program

Looking Back a Quarter of a Century



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With Wright motors, men have spanned the oceans and have topped the Poles. Flight after flight has proven their endurance and reliability. These magnificent engines stand today with records unequalled by any others in the world.

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HUNTER BROTHERS . World Endurance Record

And now the Hunter brothers emphasize that the new and greater Wright "Whirlwind" exceeds in performance the splendid Wright engines of the past.

Once again it is demonstrated that the progress of American aviation has been built around the endurance and reliability of Wright engines.

WRIGHT
AERONAUTICAL CORPORATION
PATTERSON, NEW JERSEY

AERONAUTICAL CALENDAR

Mar 12	All America Flying Derby, starting from Cleveland, Ohio. Destination, New York, N.Y.
Apr 4-17	Grand Safari, for Cross, starting from London, Ohio. Destination, New York, N.Y.
Apr. 23-May 1	National Air Race, Cleveland, Ohio.
May 6	Crossing Niagara International Meeting, New York, N.Y.
May 13-17	National Air Race, starting from Cleveland, Ohio. Destination, New York, N.Y.

FOREIGN

Mar 28-Apr	International Light Plane Race, starting from New York, N.Y. Destination, New York, N.Y.
Apr. 2-24	International Flying Derby, starting from New York, N.Y. Destination, New York, N.Y.
Apr. 14	First International Air Race, starting from New York, N.Y. Destination, New York, N.Y.
Apr. 28-May 14	International Air Race, starting from New York, N.Y. Destination, New York, N.Y.
May 14-17	International Air Race, starting from New York, N.Y. Destination, New York, N.Y.

MEETINGS AND CONFERENCES

Apr. 10-12	National Association of Manufacturers, New York, N.Y.
Apr. 20-24	N.A.A. American National Convention, New York, N.Y.
Apr. 14	First International Air Race, starting from New York, N.Y. Destination, New York, N.Y.

ACCOMPLISHMENTS AND EVENTS

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AVIATION

News

Vol. 2, No. 1
JULY 19, 1930



HIGH POINTS in the NEWS

- **Explained** — Aeromarine Branch issues interpretation of regulations covering issuance of Certificates of Authority for airlines, now given companies until August 15 to apply for certificates. Page 3
- **Adds** — United Aircraft & Transport Corp. gains control of Varsity Air Lines through a 50 per cent stock acquisition. Page 5
- **High-powered reaction** — But one formal protest against lack of credits in National Air Races for high-powered craft has been received, most contest committees officials assert. Page 8
- **Chooses** — Decide upon starting points for the seven derbies to the Western Air Race. Page 8
- **Not as bad** — Comparison of first five-month periods for 1929, 1930, shows this year's exports are only 11 per cent under those for last year. Page 6
- **At Geneva** — League of Nations committee draws up aviation study program at conference held July 7-12. Page 9
- **Accepted** — Recommendations made to Canada for international coordination of radio and other communications for air are recognition approved by that country. Page 17
- **In favor of the plan** — Okla. Chickasaw Nation Co. to get \$14,125 from Aero Insurance Co. next derbies, for insured crash which fell in lake, cost over \$100,000. Page 5
- **Mail service** — National Air Transport will shortly place in use first mail and passenger developed by John-McCulloch Corp. Page 7
- **Ready to go** — Twenty-one contracts held for AT-Aeromarine Design, sponsored by Aeromarine Corp. Express, dated for start from Detroit on July 21. Page 10
- **Leisurely** — Graduation within certain period of time not necessary and hourly or part time training now allowed by changes in approved school regulations. Page 10
- **Tragic** — Curtiss-Wright Flying Services reports continuous approval trend reflected in operations for first six months of this year. Page 7



L. WOLFF-SCHNEIDER, U.S.N.

HIGH IN THE SKY



READY FOR THE JUNGLE

LIEUTENANT Apollo Soucek, U. S. Navy Aviator established world's new altitude record of 43,166 feet on June 4th, 1930 with Wright Apache plane powered with Pratt & Whitney "Wasp" Engine . . . lubricated with

GULFPRIDE OIL 190

LL Sourcek reports . . . "As far as the engine in the Apache is concerned, it worked perfectly on this record flight . . . *A High Grade Golf Oil Called GULFPRIDE* was used for lubrication."

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Motor Boat and Aircraft Engines.*

GULF REFINING COMPANY

July 25, 1956

Tanager Features On Army Airplane

NEW YORK—Production is now underway at the Glenside City plant of the Curtiss Aeroplane & Motor Co. of two P8C-4 two-seater carrier fighters, to be equipped with folding airframe data and flap similar to those which featured the Corsair Tanager, winner of the Guggenheim Safe Aircraft Competition. Operation of these safety devices will be the same as on the Tanager, the flaps being mechanically operated by the pilot, the data automatic and the folding airframe being placed in constructions of the lower wings.

Acro Branch Interprets
Airline Certificate Rules

*Assert Present Draft is Tentative
And Open to Discussion by Industry*

WASHINGTON — The long-awaited interpretations of the general provisions of its Certificate of Authority plus the regulation of interstate air passenger transportation announced in the May 19 issue of AVIATION, have just been issued by the Aeronautics Branch. The general rules were set forth in Aeronautics Bulletin No. 7-2. These rules are made much more specific by the issuance of the proposed interpretations, and a tentative draft of these has been completed and distributed for comment and criticism by interested parties. Now as we finally announced, they now

Congruent with their stance, the Accountants Branch has stated that the closing day of the period of grace for filing applications for the Certificates by the individual surfaces, had been announced from July 10 to August 15. This date time allowance has been granted chiefly because of the air mail compliance. One of these is the ruling under the Minutes 144 that are most apparent on drydocked schedules, some previous year.

Estadística, vol. 1, 2000, 11-12.

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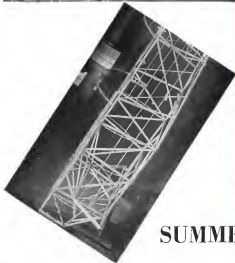
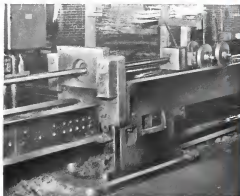
Elastic Mod. Deflection Instr. Accuracy

Radios are not supposed to be "definitely required" at yet, but "When equipment has become reliable, suitable and at practical quantities demonstrated" there shall be an all-weather "approved radio receiving apparatus for the purpose of receiving radio signals before signals and/or weather broadcasts; all aircraft with passenger capacity of eight or more, exclusive of crew, shall in addition be provided with two-way radio communication facilities, capable of communication at all times under normal conditions with one or more of the ground stations provided." (Emphasis added.)

Continued on Next Page

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This is what we make

Summerill Seamless Steel Tubing has taken an important part in the progress of aviation . . . and the development of safer aircraft. It is made in various shapes and sizes for use in all types of aircraft . . . It has a proved record of uniform strength and dependability.

This is how we make it

Steel of specified chemical composition and sound, is used. The ingot is forged and rolled into round bars perhaps 3 to 5 inches in diameter. These bars are cut into short lengths and are pierced and rolled into hollow blooms. These hot rolled blooms are the raw material from which we manufacture cold drawn aircraft tubes. Each draw means a reduction in diameter and wall thickness. Between draws these tubes are annealed, etc. This is the process until the desired size is reached. Then the tubes are straightened, heat-treated, again straightened, and inspected for surface and size . . . The last step then is various tests to determine if the physical values meet U. S. Government specifications.

This is where it goes

A list of Summerill users would read like the blue book of aircraft manufacturers. Many of them specify Summerill Tubing exclusively. Back of the huge transports or small fast sport planes you will find the dependable construction of Summerill Tubing.

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